

Converting Colors

Yxy(54.9284, 0.3081, 0.3337)

Have a look what the booklet for
Yxy(54.9284, 0.3081, 0.3337)
contains.

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Color

Yxy(54.9746, 0.3078, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	BCC6C2
RGB	188, 198, 194
RGB Percent	74%, 78%, 76%
CMY	0.2626, 0.2235, 0.2391
CMYK	0.05, 0.00, 0.02, 0.22
HSL	156°, 8%, 76%
HSV	156°, 5%, 78%
XYZ	50.6774, 54.9746, 58.9919
YIQ	194.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

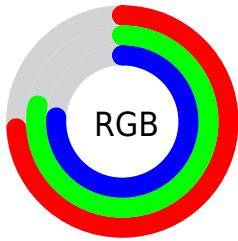
Format	Color
R _Y B	188, 194, 198
Decimal	12371650
CIE Lab	79.03, -4.16, 0.79
CIE LCh	79, 4.231, 169.183
Yxy	54.9746, 0.3078, 0.3339
Android (android.graphics.Color)	4290561730 (0xFFBCC6C2)
YUV	194.5540, -0.2731, -5.7479
Hunter-Lab	74.1449, -7.7502, 4.7285

Details

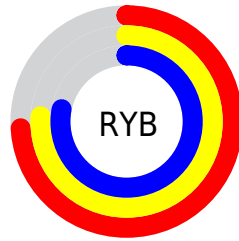
The Yxy color **54.9746, 0.3078, 0.3339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7889, 0.3179, 0.3242**, and the grayscale version is **54.3021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6552, 0.3088, 0.3339**, and **26.9909, 0.3072, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **52.2867, 0.2982, 0.3445**, and if you desaturate by 10%, it is **58.0310, 0.3176, 0.3244**.

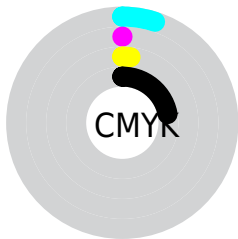
Distribution



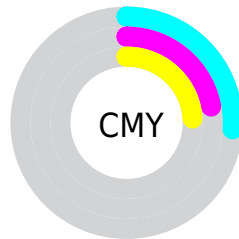
- Red (74%)
- Green (78%)
- Blue (76%)



- Red (74%)
- Yellow (76%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)




- Cyan (26%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9746, 0.3078, 0.3339 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 54.9746, 0.3078, 0.3339 by changing the saturation by 10% instead.

 54.9746, 0.3078,
0.3339

 54.9746, 0.3078,
0.3339


405.8156, 0.3102,
0.3315

 39.3814, 0.3072,
0.3345

 97.5037, 0.3087,
0.3330

 27.0566, 0.3065,
0.3352


125.2085, 0.3090,
0.3327

 17.6157, 0.3055,
0.3362


157.7191, 0.3093,
0.3324

 10.6744, 0.3042,
0.3375

195.4201, 0.3095,
0.3322

 5.8484, 0.3023,
0.3394

238.6959, 0.3097,
0.3320

 2.7531, 0.2993,
0.3424

287.9308, 0.3099,

 1.0042, 0.2939,

0.3318

0.3479

343.5093, 0.3101,
0.3317

0.0000, 0.0000,
0.0000

54.9746, 0.3078,
0.3339

54.9746, 0.3078,
0.3339

52.2867, 0.2982,
0.3445

58.0310, 0.3176,
0.3244

49.9461, 0.2891,
0.3561

61.4623, 0.3274,
0.3160

47.9398, 0.2807,
0.3689

65.2836, 0.3371,
0.3086

46.2516, 0.2733,
0.3826

67.1141, 0.3370,
0.3011

44.8636, 0.2673,
0.3972

67.5563, 0.3310,
0.2934

■ 43.7564, 0.2630,
0.4124

■ 68.0186, 0.3251,
0.2859

■ 42.9078, 0.2605,
0.4279

■ 68.5013, 0.3194,
0.2785

■ 42.2927, 0.2601,
0.4433

■ 68.8661, 0.3153,
0.2732

■ 41.8799, 0.2616,
0.4585

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.9746, 0.3133, 0.3375



54.9746, 0.3078, 0.3339



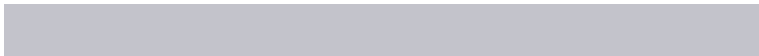
54.9746, 0.3036, 0.3290

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.9746, 0.3078, 0.3339



54.9746, 0.3067, 0.3194



54.9746, 0.3237, 0.3338

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.9746, 0.3078, 0.3339



51.7889, 0.3179, 0.3242

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.9746, 0.3219, 0.3290



54.9746, 0.3078, 0.3339



54.9746, 0.3121, 0.3207

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.9746, 0.3078, 0.3339



54.9746, 0.3030, 0.3206



54.9746, 0.3176, 0.3242



54.9746, 0.3225, 0.3374

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.9746, 0.3078, 0.3339



54.9746, 0.3021, 0.3256



54.9746, 0.3176, 0.3242



54.9746, 0.3234, 0.3322

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.9769, 0.3078, 0.3339



98.9153, 0.3107, 0.3309



55.2264, 0.3153, 0.3413



21.1833, 0.3108, 0.3308



0.0000, 0.0000, 0.0000



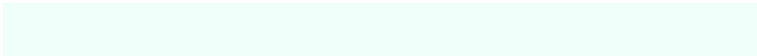
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.9769, 0.3078, 0.3339



96.8263, 0.3068, 0.3350



54.7037, 0.3050, 0.3277



12.1668, 0.3063, 0.3355



27.1505, 0.2622, 0.4639



1.2996, 0.2535, 0.4325

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51.7889, 0.3179, 0.3242



90.0450, 0.3191, 0.3231



52.0426, 0.3209, 0.3303



11.2483, 0.3196, 0.3226



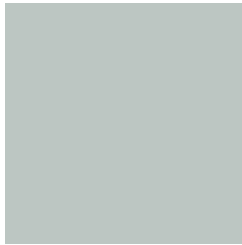
8.1897, 0.5362, 0.2727



0.4020, 0.4810, 0.2423

Previews

White Background



This preview shows how the Yxy color 54.9746, 0.3078, 0.3339 looks on a white background.

Color Contrast Check

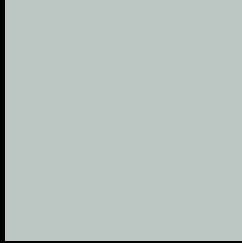
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 54.9746, 0.3078, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

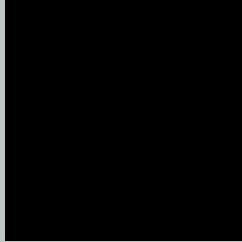
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

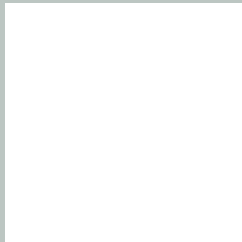
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9746, 0.3078, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 54.9746, 0.3078, 0.3339.



This preview shows how white text looks on a background with the Yxy color 54.9746, 0.3078, 0.3339.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.9746, 0.3078, 0.3339

Protanopia

55.1153, 0.3190, 0.3326

Deuteranopia

54.6769, 0.3280, 0.3209



Tritanopia

54.8097, 0.2981, 0.3097

Trichromacy



Original Color

54.9746, 0.3078, 0.3339

Protanomaly

55.0659, 0.3149, 0.3327

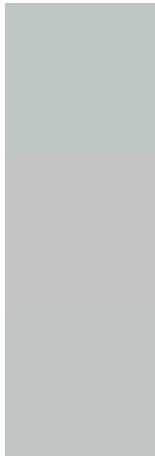
Deuteranomaly

54.6185, 0.3210, 0.3254

Tritanomaly

54.8348, 0.3015, 0.3180

Monochromacy



Original Color

54.9746, 0.3078, 0.3339

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6265, 0.3103, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9746, 0.3078, 0.3339 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(188, 198, 194)` looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 194)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(188, 198, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 194) }
```

Border

The CSS property to change the border of an element to Yxy 54.9746, 0.3078, 0.3339 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 198, 194) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(188, 198, 194) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(188, 198, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 198, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 198, 194);  
box-shadow:4px 4px 4px 4px rgb(188, 198,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9746, 0.3078, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 194) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(188,  
198, 194) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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